

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093141.D
 Acq On : 24 Feb 2017 10:11
 Operator : SJ/MA
 Sample : I1939-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 10:54:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

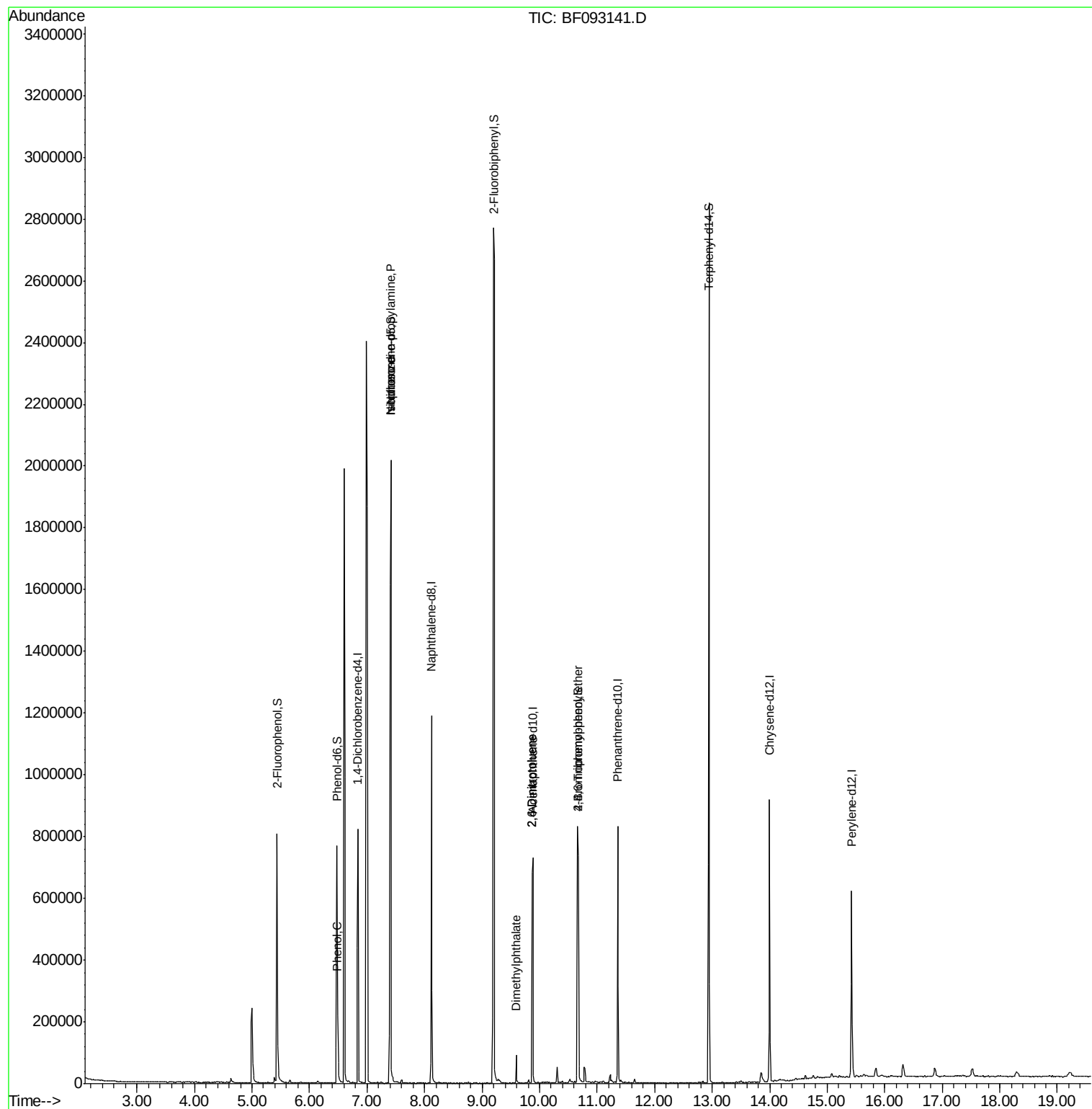
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148962	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	536927	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	212405	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	326032	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	310888	20.00	ng	-0.02
86) Perylene-d12	15.43	264	267557	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	340730	39.24	ng	-0.01
7) Phenol-d6	6.48	99	259050	23.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	921554	95.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	136533	88.87	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1397367	119.19	ng	-0.01
78) Terphenyl-d14	12.94	244	864025	65.30	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	34920	2.67	ng	# 76
19) n-Nitroso-di-n-propylamine	7.41	70	117828	16.57	ng	# 75
25) Isophorone	7.41	82	880462	49.00	ng	# 65
49) Dimethylphthalate	9.60	163	35435	2.48	ng	99
50) 2,6-Dinitrotoluene	9.87	165	26530	8.59	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	26530	6.45	ng	# 19
66) 4-Bromophenyl-phenylether	10.67	248	9295	2.73	ng	# 1

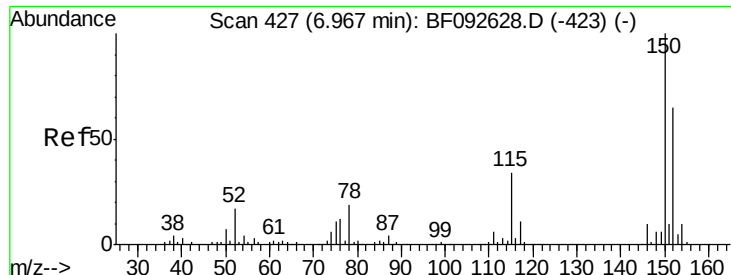
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

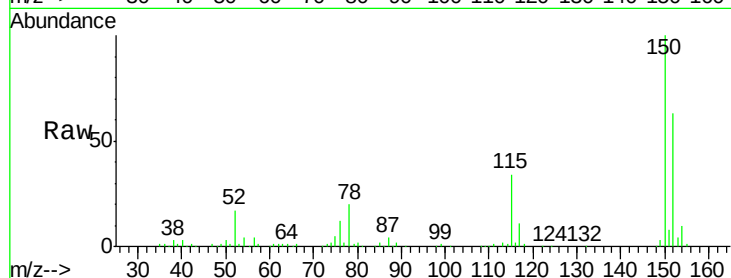
Tot Ion:152 Resp: 148962

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

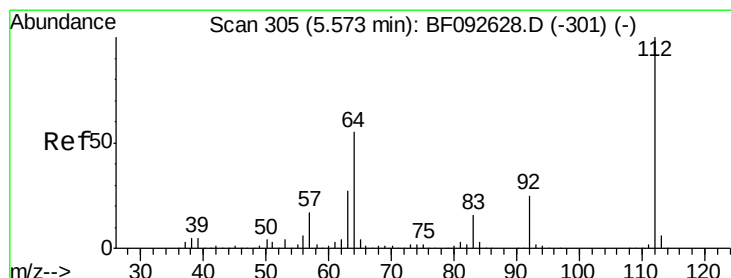
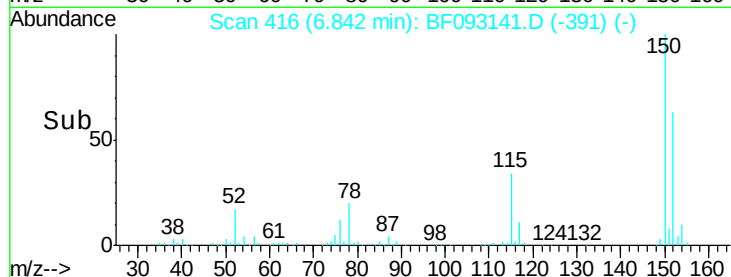
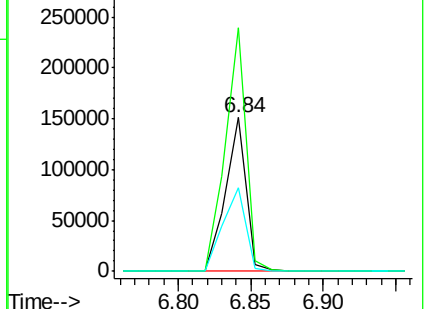
115 54.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 39.24 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

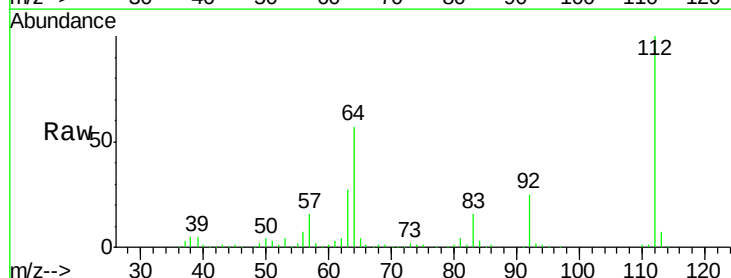
Tgt Ion:112 Resp: 340730

Ion Ratio Lower Upper

112 100

64 56.8 46.1 69.1

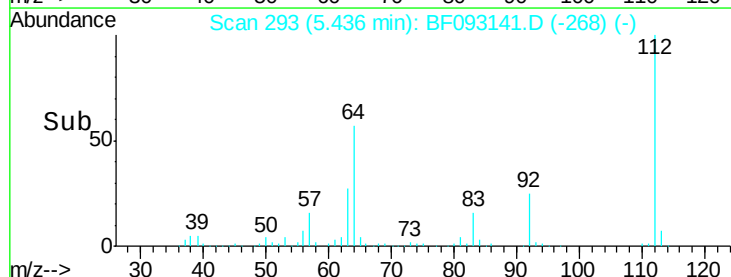
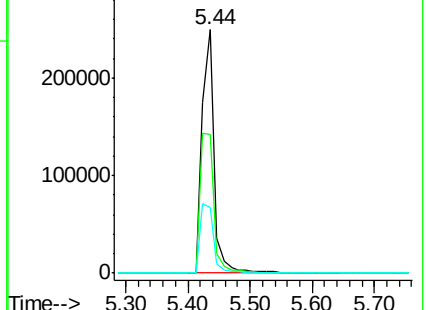
63 27.1 23.8 35.6

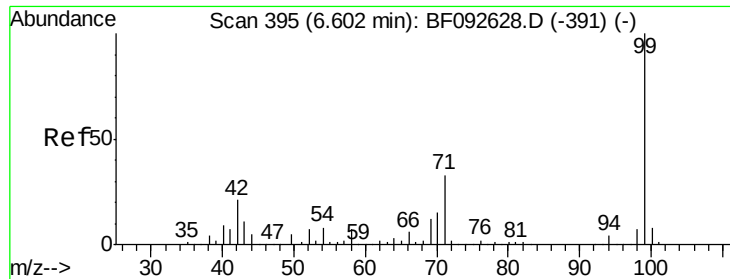


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.19 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

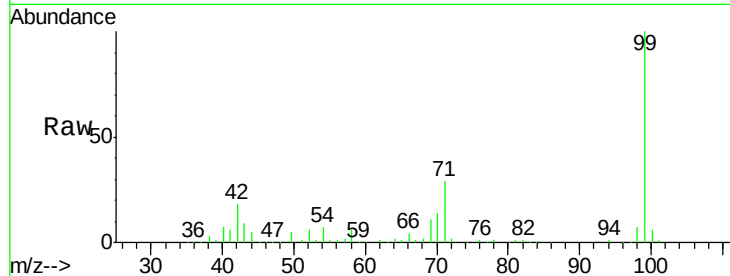
Tot Ion: 99 Resp: 259050

Ion Ratio Lower Upper

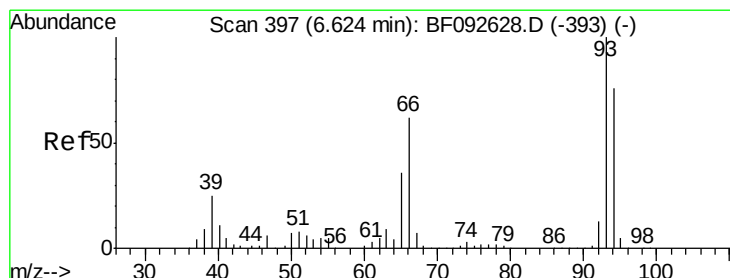
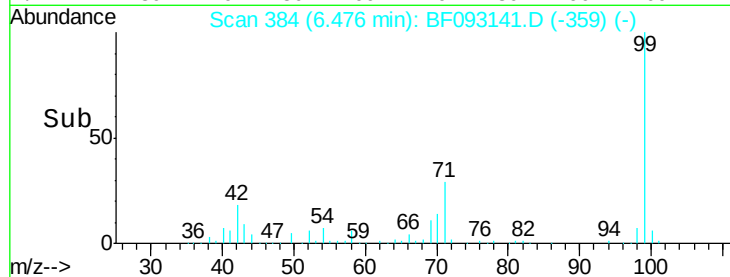
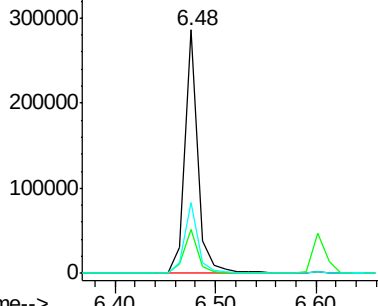
99 100

42 17.9 15.6 23.4

71 28.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.67 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

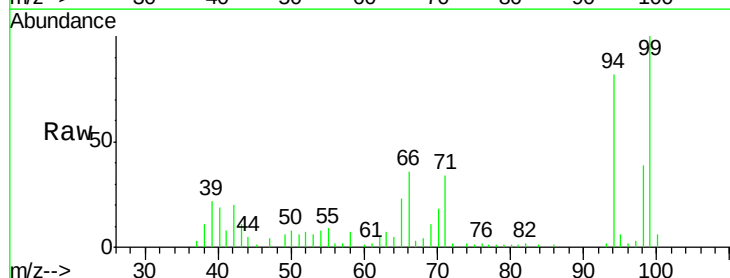
Tgt Ion: 94 Resp: 34920

Ion Ratio Lower Upper

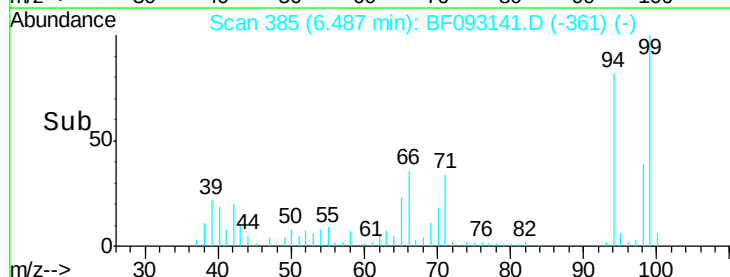
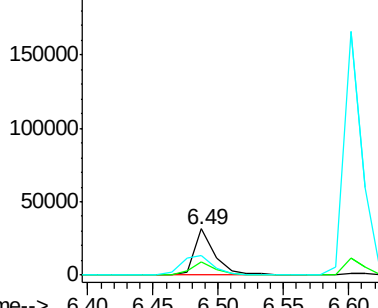
94 100

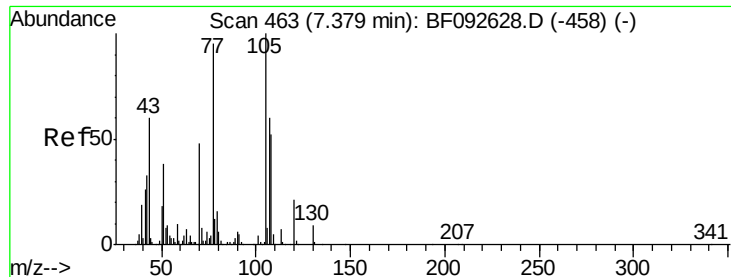
65 28.0 21.4 61.4

66 43.6 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

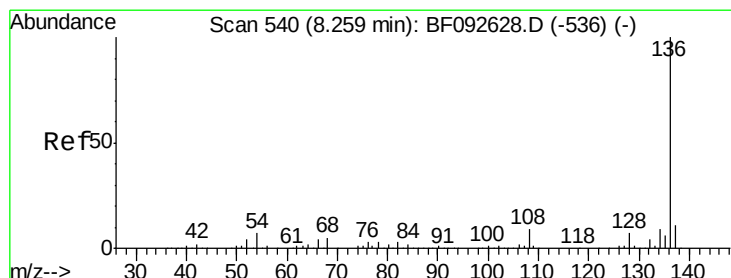
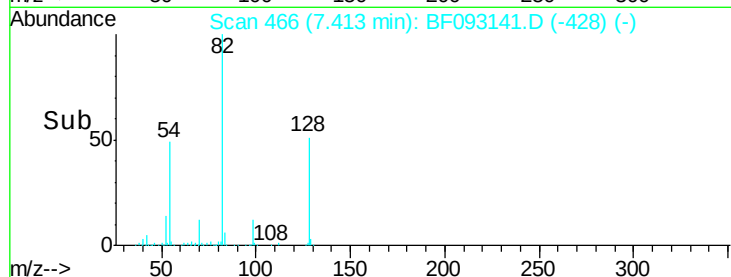
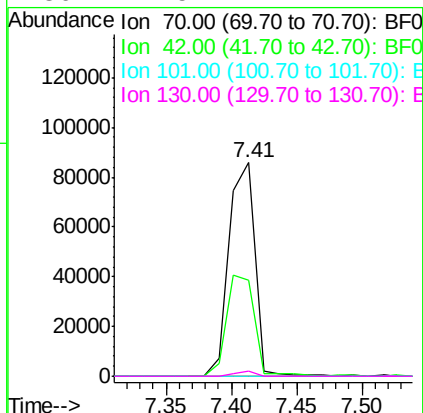
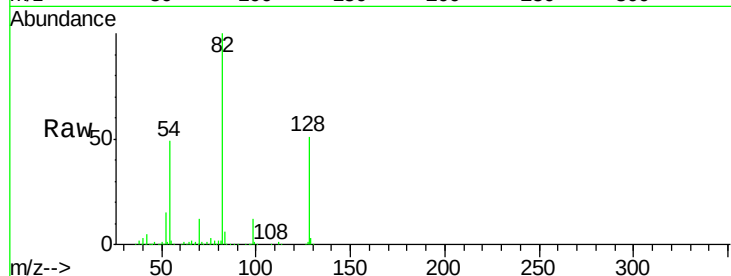




#19
n-Nitroso-di-n-propylamine
Concen: 16.57 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

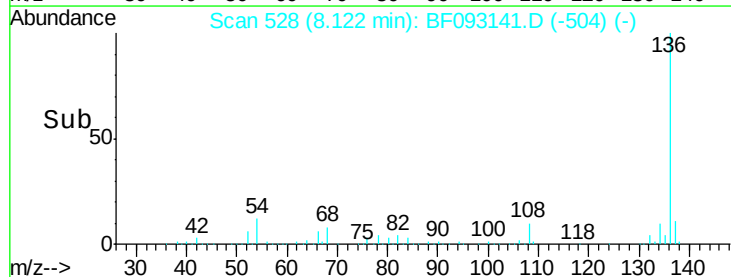
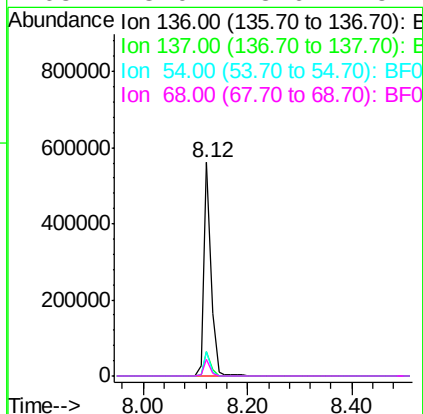
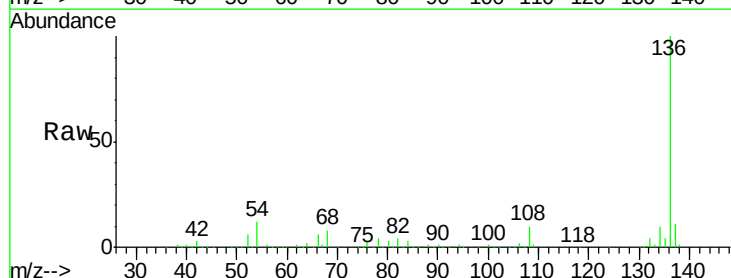
Instrument :
BNA_F
ClientSampleId :

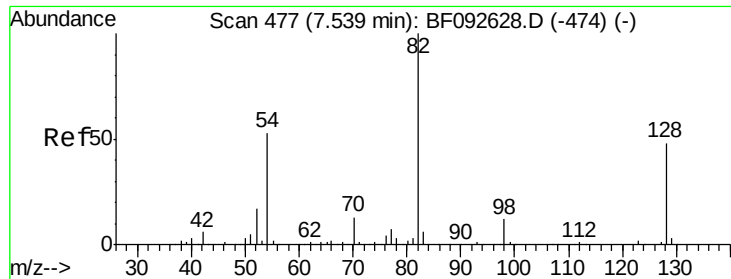
Tot Ion: 70 Resp: 117828
Ion Ratio Lower Upper
70 100
42 44.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Tgt Ion: 136 Resp: 536927
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.7 4.5 6.7#
68 8.0 3.6 5.4#

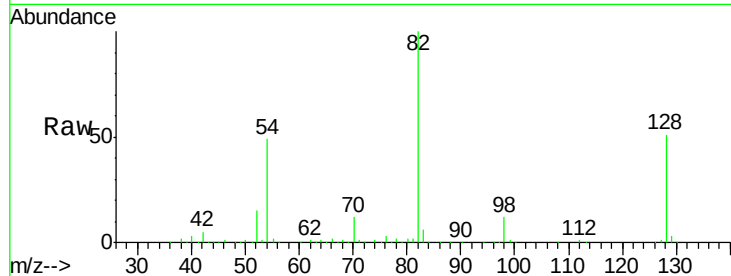




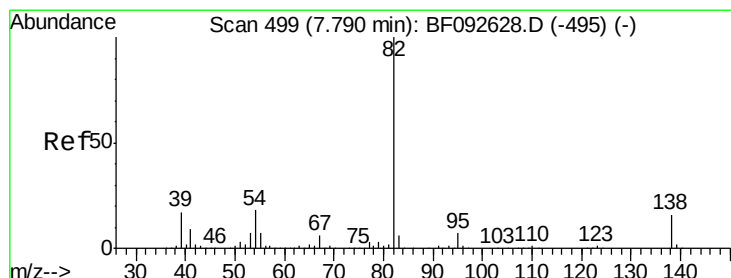
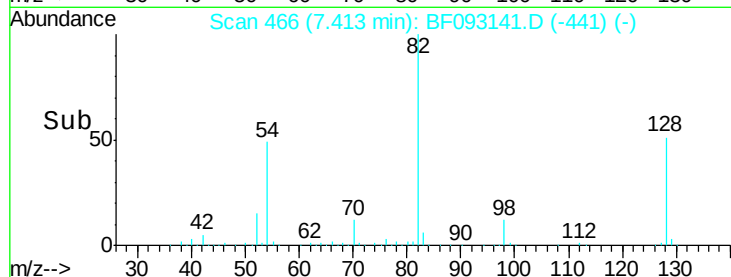
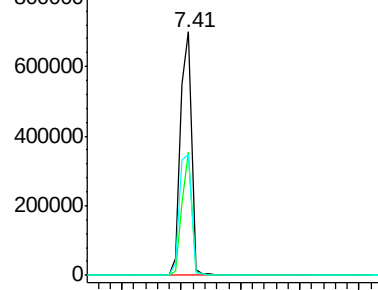
#23
 Nitrobenzene-d5
 Concen: 95.58 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 921554
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.6 52.0
 54 49.3 39.5 59.3

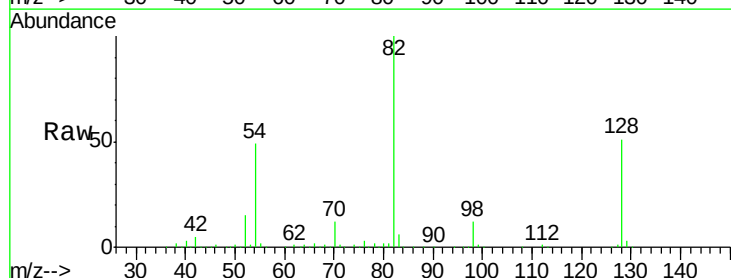


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

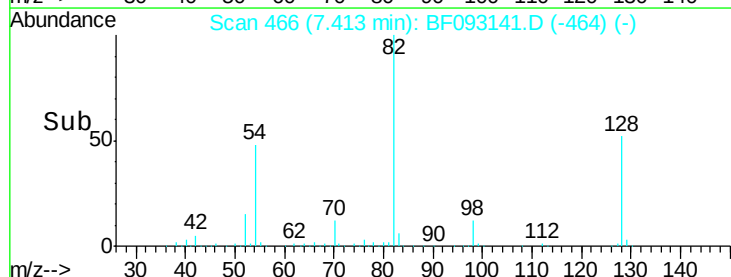
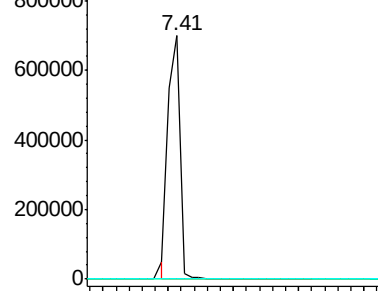


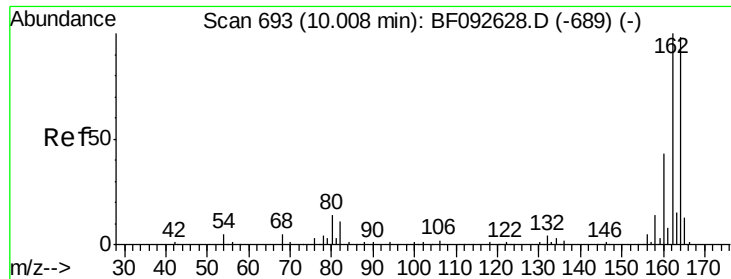
#25
 Isophorone
 Concen: 49.00 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Tgt Ion: 82 Resp: 880462
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

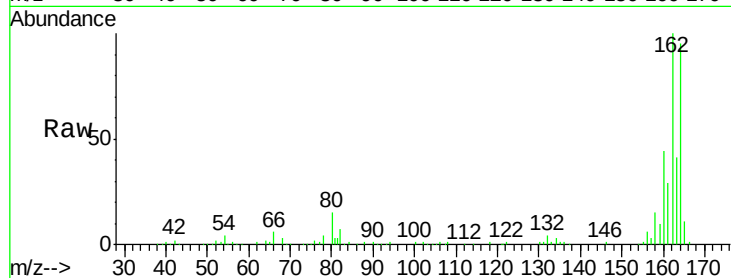




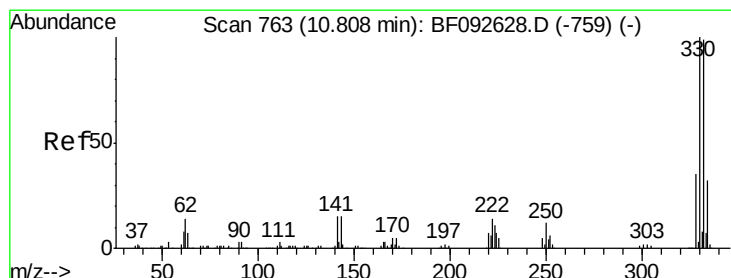
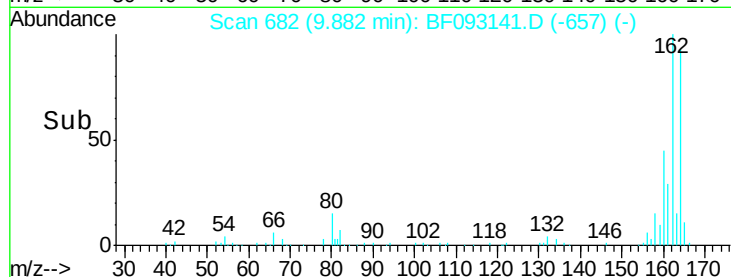
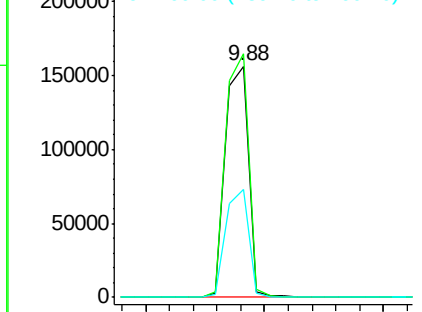
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212405
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.2 120.2
 160 46.7 36.9 55.3

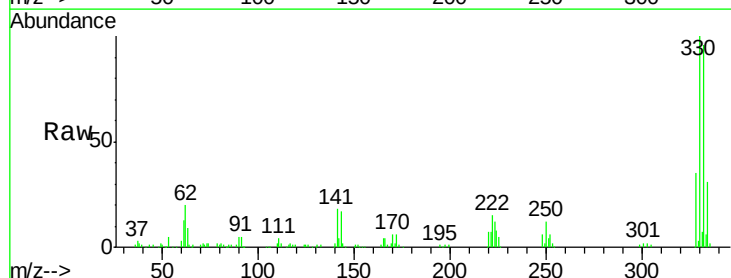


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

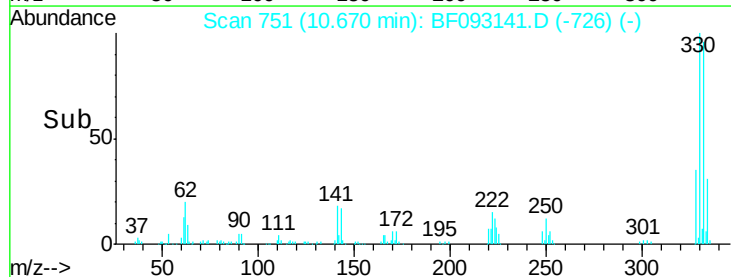
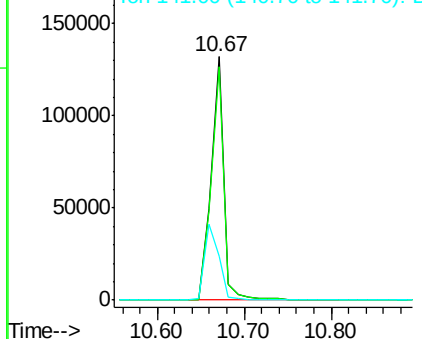


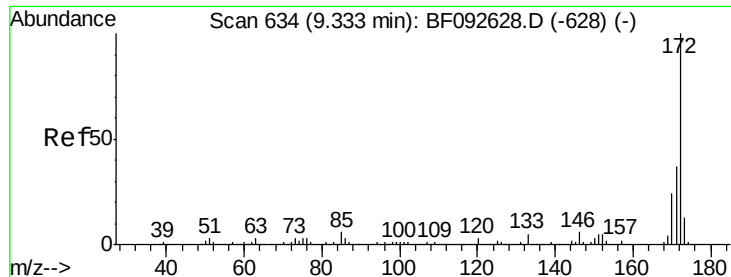
#41
 2,4,6-Tribromophenol
 Concen: 88.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Tgt Ion:330 Resp: 136533
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 35.1 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

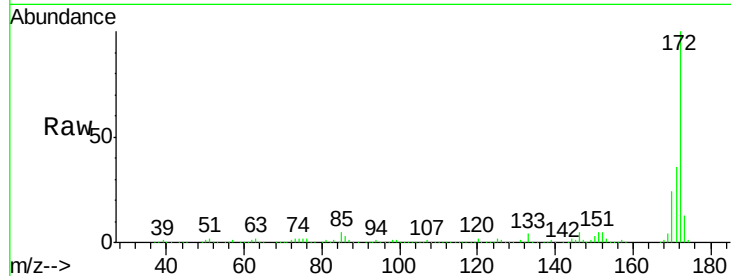




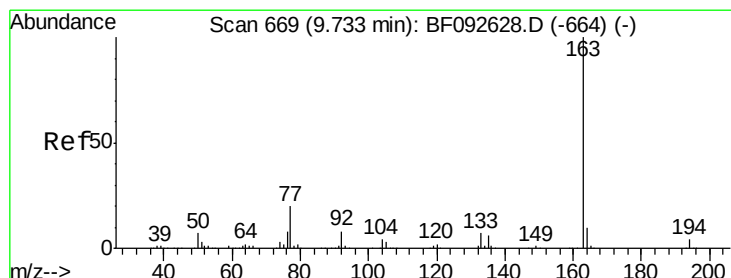
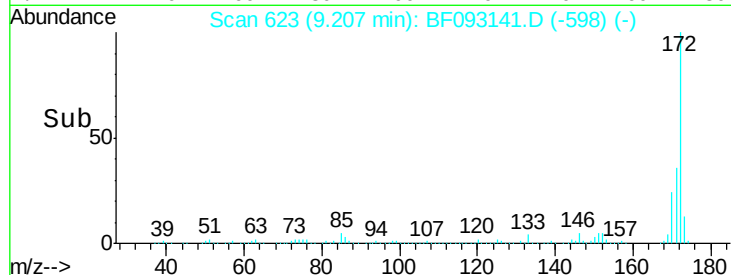
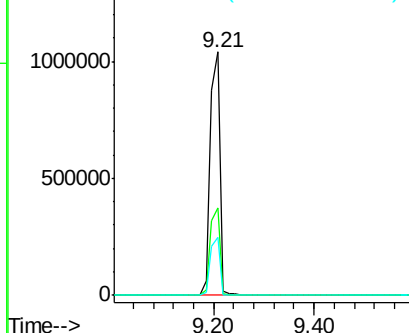
#44
2-Fluorobiphenyl
Concen: 119.19 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1397367
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.8 20.2 30.4

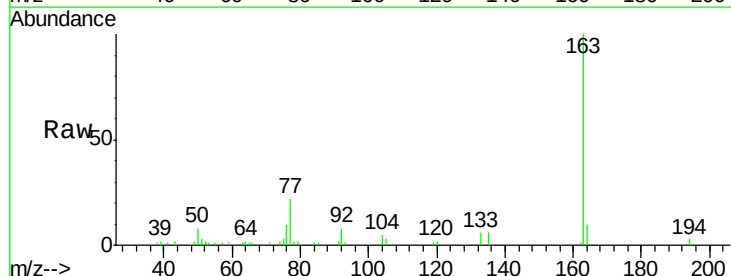


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

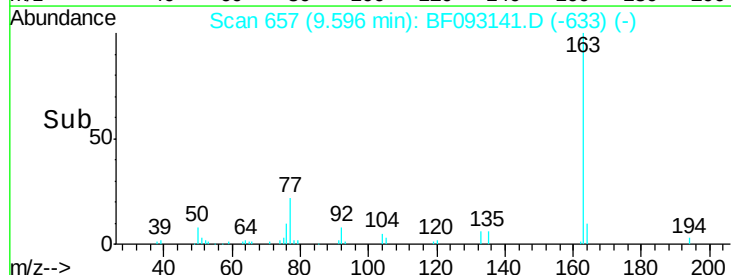
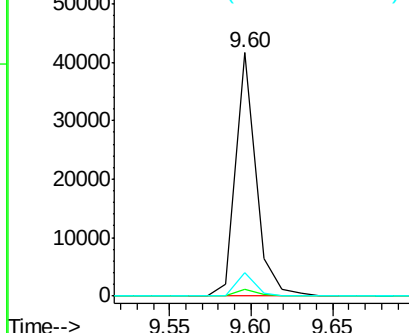


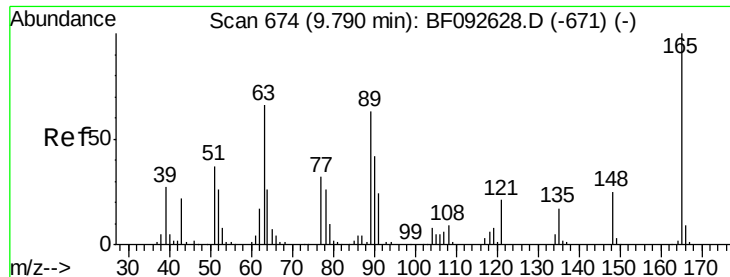
#49
Dimethylphthalate
Concen: 2.48 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Tgt Ion:163 Resp: 35435
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

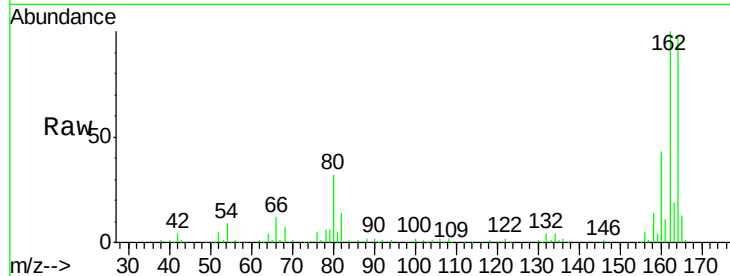




#50
 2,6-Dinitrotoluene
 Concen: 8.59 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampled :

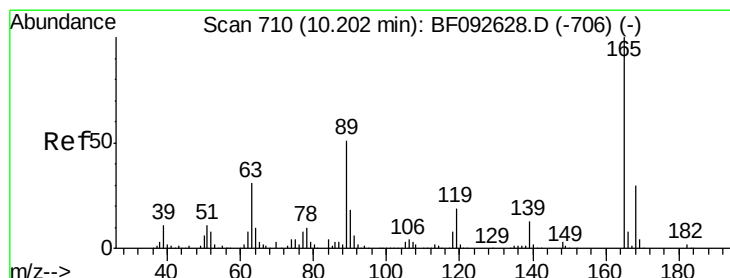
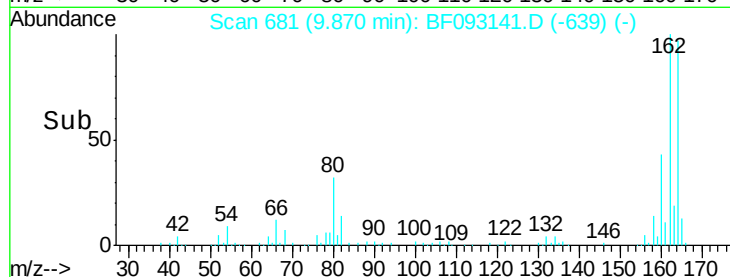
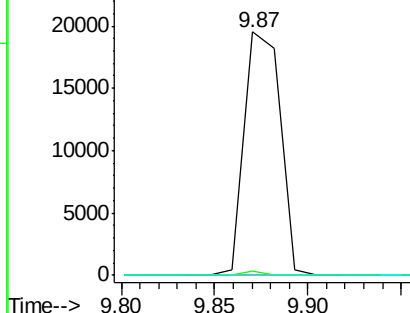
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	0.0	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

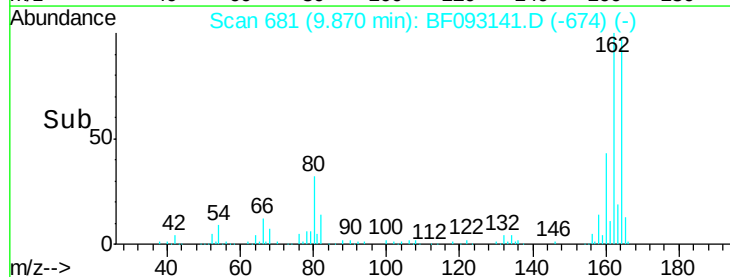
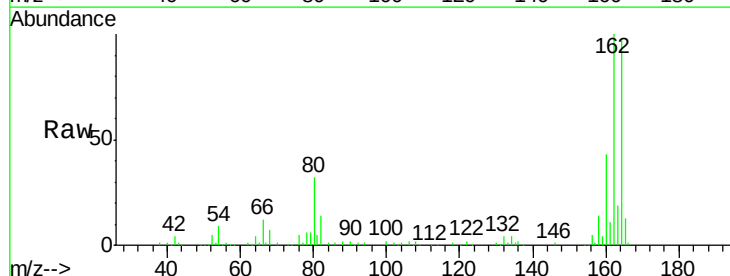
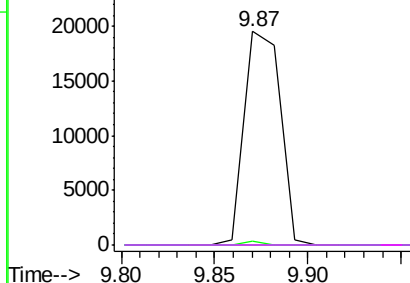
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

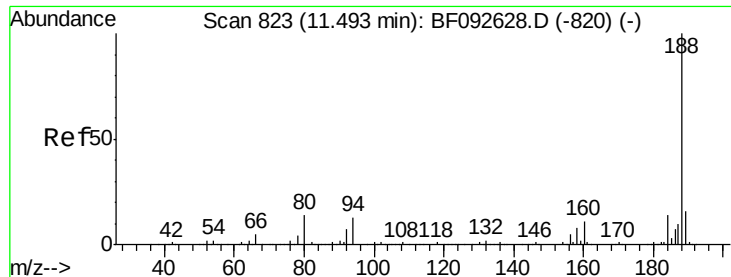
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

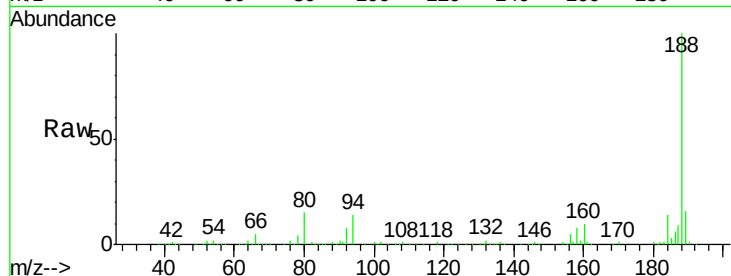




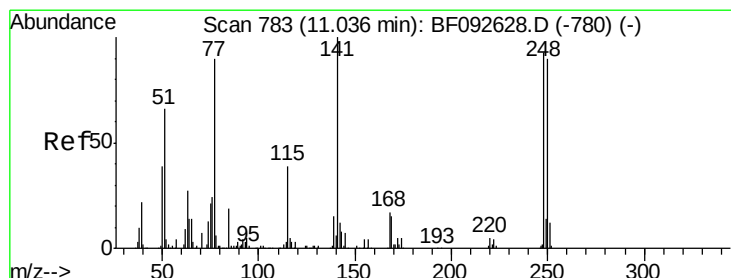
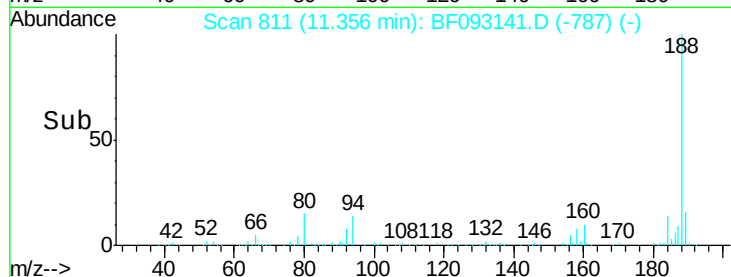
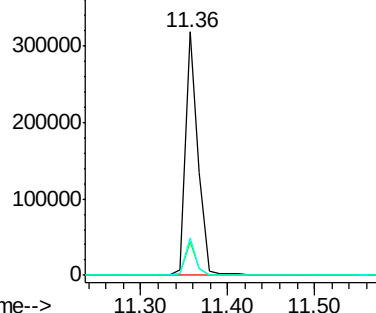
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 326032
 Ion Ratio Lower Upper
 188 100
 94 13.7 10.0 15.0
 80 15.3 11.2 16.8

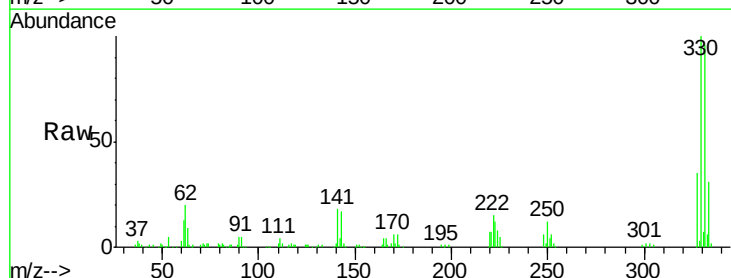


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

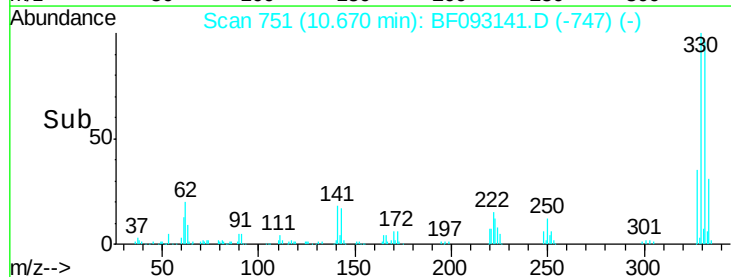
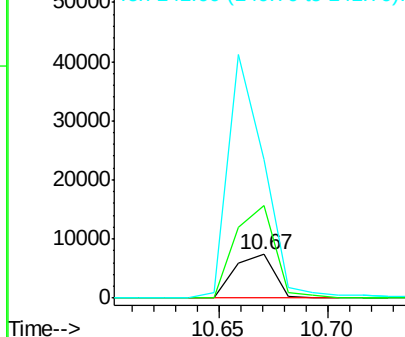


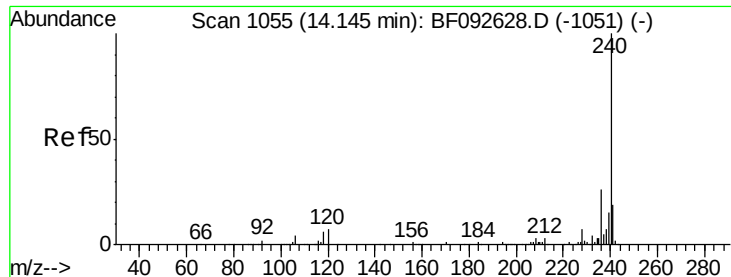
#66
 4-Bromophenyl-phenylether
 Concen: 2.73 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093141.D
 Acq: 24 Feb 2017 10:11

Tgt Ion:248 Resp: 9295
 Ion Ratio Lower Upper
 248 100
 250 212.9 76.9 115.3#
 141 319.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

Instrument :

BNA_F

ClientSampleId :

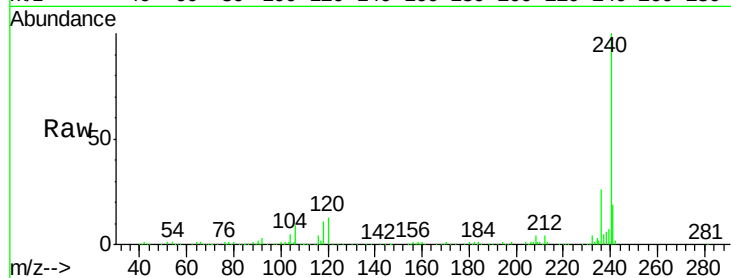
Tot Ion:240 Resp: 310888

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

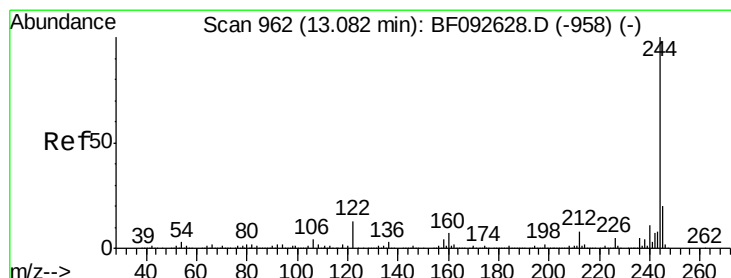
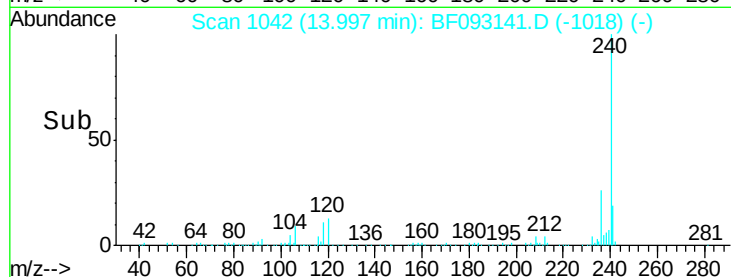
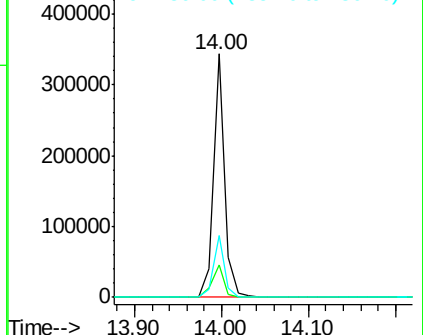
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 65.30 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093141.D

Acq: 24 Feb 2017 10:11

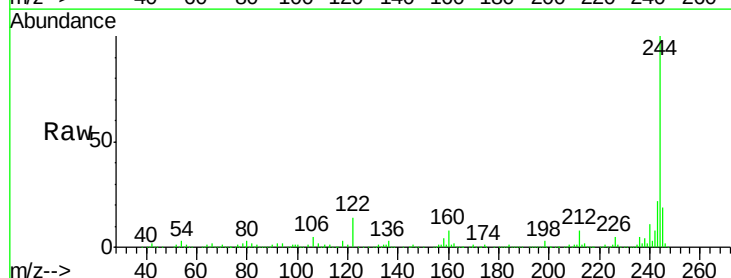
Tgt Ion:244 Resp: 864025

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

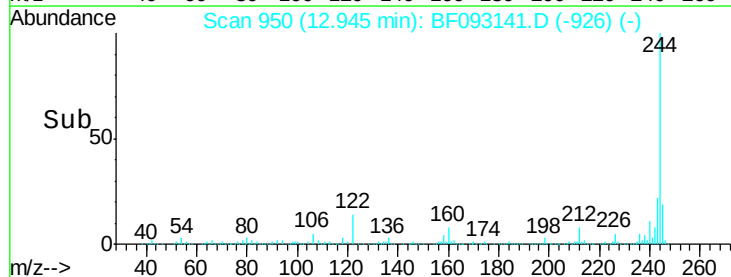
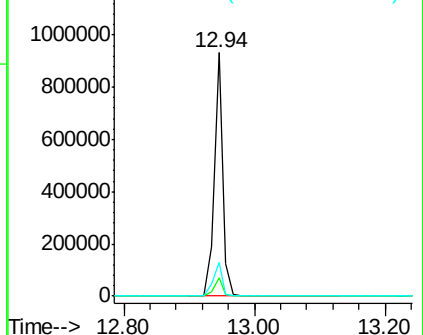
122 14.0 11.4 17.2

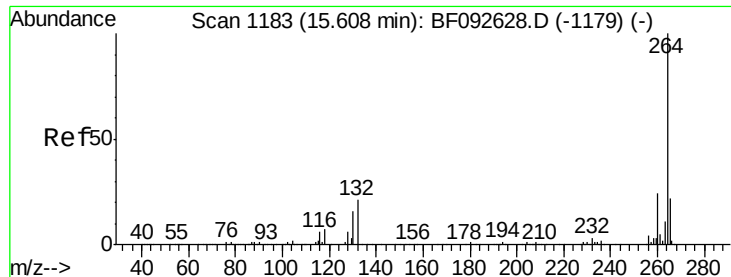


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

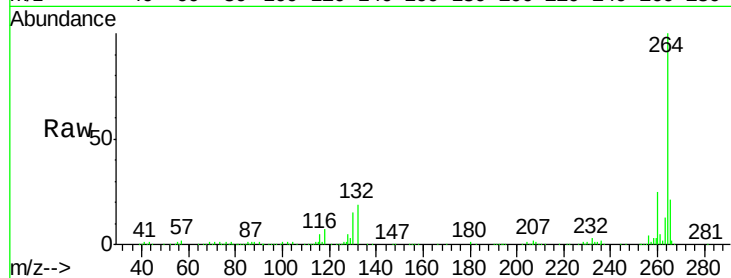




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093141.D
Acq: 24 Feb 2017 10:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

